

13257-00040

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

09/830176

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

|                               |                            |                            |
|-------------------------------|----------------------------|----------------------------|
| INTERNATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE  | PRIORITY DATE CLAIMED      |
| US99/25477                    | 29 October 1999 (29.10.99) | 31 October 1998 (31.10.98) |

TITLE OF INVENTION A MYELOID PRECURSOR CELL USEFUL FOR GENE THERAPY AND FOR  
MODULATION OF IMMUNE RESPONSES

APPLICANT(S) FOR DO/EO/US YACOV, Ron, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.
14.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
US99/25477ATTORNEY'S DOCKET NUMBER  
13257-0004021.  The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a) (2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1000.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$710.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$690.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$ 100.00

Surcharge of \$130.00 for furnishing the oath or declaration later than  20  30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130.00

| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE                   | \$        |
|--|--------------|--------------|------------------------|-----------|
| Total claims   | 19 -20 =     | 0            | x \$18.00              | \$ 0.00   |
| Independent claims   | 6 -3 =       | 3            | x \$80.00              | \$ 240.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |              | + \$270.00             | \$ 0.00   |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |              |                        | \$ 470.00 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |              | + \$ 235.00            |           |
| <b>SUBTOTAL =</b>  |              |              |                        | \$ 235.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). |              |              |                        | \$ 0.00   |
| <b>TOTAL NATIONAL FEE =</b>  |              |              |                        | \$ 235.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +                               |              |              |                        | \$ 0.00   |
| <b>TOTAL FEES ENCLOSED =</b>   |              |              |                        | \$ 235.00 |
|  |              |              | Amount to be refunded: | \$        |
|  |              |              | charged:               | \$        |

- A check in the amount of \$ 235.00 to cover the above fees is enclosed.
- Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1089. A duplicate copy of this sheet is enclosed.
- Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Janet E. Reed  
 Saul Ewing  
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SIGNATURE

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09/830176

23 APR 2001

COMMISSIONER OF PATENTS  
AND TRADEMARKS  
Washington DC 20231

BOX PCT

Date of Mailing  
April 23, 2001

Applicant's or Agent's Reference  
UMDNJ 13257-00040

**IDENTIFICATION OF THE INTERNATIONAL APPLICATION**

|                                    |                                      |
|------------------------------------|--------------------------------------|
| Int'l Appln. No.<br>PCT/US99/25477 | Int'l Filing Date<br>29 October 1999 |
|------------------------------------|--------------------------------------|

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| Applicant (name)<br>University of Medicine & Dentistry of New Jersey |
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**TRANSMITTAL OF LETTER TO THE UNITED STATES DESIGNATED/ELECTED  
OFFICE (DO/EO/US)**

**U. S. National Filing Under 37 C.F.R. 371**

**CERTIFICATE OF MAILING**  
**BY EXPRESS MAIL UNDER 37 CFR §1.10**

NUMBER OF EXPRESS MAIL MAILING LABEL **EL 582442195US**

DATE OF DEPOSIT WITH POSTAL SERVICE April 23, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. §1.10 on the date indicated above, and is addressed to the COMMISSIONER OF PATENTS AND TRADEMARKS, Washington, D.C. 20231

Susan C. Sheehan

Typed or Printed Name of Person  
Mailing Paper or Fee

  
Signature of Person Mailing Paper or Fee